

# Johannes Zethof

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

2,355  
citations

331670

21  
h-index

434195

31  
g-index

35  
all docs

35  
docs citations

35  
times ranked

2665  
citing authors

#	ARTICLE	IF	CITATIONS
1	Insight into the evolution of the Solanaceae from the parental genomes of <i>Petunia hybrida</i> . <i>Nature Plants</i> , 2016, 2, 16074.	9.3	311
2	The Duplicated B-Class Heterodimer Model: Whorl-Specific Effects and Complex Genetic Interactions in <i>Petunia hybrida</i> Flower Development. <i>Plant Cell</i> , 2004, 16, 741-754.	6.6	217
3	Differential Recruitment of <i>WOX</i> Transcription Factors for Lateral Development and Organ Fusion in <i>Petunia</i> and <i>Arabidopsis</i> . <i>Plant Cell</i> , 2009, 21, 2269-2283.	6.6	203
4	Toward the Analysis of the <i>Petunia</i> MADS Box Gene Family by Reverse and Forward Transposon Insertion Mutagenesis Approaches: B, C, and D Floral Organ Identity Functions Require <i>SEPALLATA</i> -Like MADS Box Genes in <i>Petunia</i> . <i>Plant Cell</i> , 2003, 15, 2680-2693.	6.6	188
5	A conserved microRNA module exerts homeotic control over <i>Petunia hybrida</i> and <i>Antirrhinum majus</i> floral organ identity. <i>Nature Genetics</i> , 2007, 39, 901-905.	21.4	157
6	Transposon Display identifies individual transposable elements in high copy number lines. <i>Plant Journal</i> , 2002, 13, 121-129.	5.7	156
7	Analysis of the <i>Petunia</i> TM6 MADS Box Gene Reveals Functional Divergence within the DEF/AP3 Lineage. <i>Plant Cell</i> , 2006, 18, 1819-1832.	6.6	141
8	<i>Petunia</i> Ap2-like Genes and Their Role in Flower and Seed Development. <i>Plant Cell</i> , 2001, 13, 229-244.	6.6	123
9	The <i>petunia</i> <i>AGL6</i> gene has a <i>SEPALLATA</i> -like function in floral patterning. <i>Plant Journal</i> , 2009, 60, 1-9.	5.7	120
10	Redefining C and D in the <i>Petunia</i> ABC. <i>Plant Cell</i> , 2012, 24, 2305-2317.	6.6	85
11	Further characterisation of differences between TL and AB zebrafish ( <i>Danio rerio</i> ): Gene expression, physiology and behaviour at day 5 of the larval stage. <i>PLoS ONE</i> , 2017, 12, e0175420.	2.5	71
12	A Physical Amplified Fragment-Length Polymorphism Map of <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2001, 127, 1579-1589.	4.8	66
13	The Effects of Environmental Enrichment and Age-Related Differences on Inhibitory Avoidance in Zebrafish ( <i>Danio rerio</i> Hamilton). <i>Zebrafish</i> , 2015, 12, 152-165.	1.1	57
14	Allostatic Load and Stress Physiology in European Seabass ( <i>Dicentrarchus labrax</i> L.) and Gilthead Seabream ( <i>Sparus aurata</i> L.). <i>Frontiers in Endocrinology</i> , 2018, 9, 451.	3.5	56
15	Inhibitory Avoidance Learning in Zebrafish ( <i>Danio Rerio</i> ): Effects of Shock Intensity and Unraveling Differences in Task Performance. <i>Zebrafish</i> , 2014, 11, 341-352.	1.1	53
16	Unpredictable chronic stress decreases inhibitory avoidance learning in Tuebingen Long-Fin zebrafish ( <i>Danio rerio</i> Hamilton): stronger effects in the resting phase than in the active phase. <i>Journal of Experimental Biology</i> , 2014, 217, 3919-28.	1.7	49
17	Generation of a 3D indexed <i>Petunia</i> insertion database for reverse genetics. <i>Plant Journal</i> , 2008, 54, 1105-1114.	5.7	44
18	Divergence of the Floral A-Function between an Asterid and a Rosid Species. <i>Plant Cell</i> , 2017, 29, 1605-1621.	6.6	39

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19	Revealing impaired pathways in the <i>an11</i> mutant by high-throughput characterization of <i>Petunia axillaris</i> and <i>Petunia inflata</i> transcriptomes. <i>Plant Journal</i> , 2011, 68, 11-27.	5.7	35
20	Divergent Functional Diversification Patterns in the SEP/AGL6/AP1 MADS-Box Transcription Factor Superclade. <i>Plant Cell</i> , 2019, 31, 3033-3056.	6.6	35
21	Identification of novel osteogenic compounds by an ex-vivo <i>sp7:luciferase</i> zebrafish scale assay. <i>Bone</i> , 2015, 74, 106-113.	2.9	33
22	Early life exposure to cortisol in zebrafish ( <i>Danio rerio</i> ): similarities and differences in behaviour and physiology between larvae of the AB and TL strains. <i>Behavioural Pharmacology</i> , 2019, 30, 260-271.	1.7	19
23	Regenerating zebrafish scales express a subset of evolutionary conserved genes involved in human skeletal disease. <i>BMC Biology</i> , 2022, 20, 21.	3.8	18
24	Providing a food reward reduces inhibitory avoidance learning in zebrafish. <i>Behavioural Processes</i> , 2015, 120, 69-72.	1.1	14
25	Early Life Glucocorticoid Exposure Modulates Immune Function in Zebrafish ( <i>Danio rerio</i> ) Larvae. <i>Frontiers in Immunology</i> , 2020, 11, 727.	4.8	14
26	A Physical Amplified Fragment-Length Polymorphism Map of <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2001, 127, 1579-1589.	4.8	12
27	Light regimes differentially affect baseline transcript abundance of stress-axis and (neuro)development related genes in zebrafish ( <i>Danio rerio</i> , Hamilton 1822) AB and TL larvae. <i>Biology Open</i> , 2017, 6, 1692-1697.	1.2	11
28	Transposon Display: A Versatile Method for Transposon Tagging. <i>Methods in Molecular Biology</i> , 2013, 1057, 239-250.	0.9	9
29	Loss of <i>sdhb</i> in zebrafish larvae recapitulates human paraganglioma characteristics. <i>Endocrine-Related Cancer</i> , 2021, 28, 65-77.	3.1	9
30	Identification and Applications of the <i>Petunia</i> Class II Act1/dTph1 Transposable Element System. <i>Methods in Molecular Biology</i> , 2013, 1057, 223-237.	0.9	5
31	Evolution and Development of the Flower. , 2009, , 199-224.		1
32	Uptake of benzo[ <i>a</i> ]pyrene, but not of phenanthrene, is inhibited by fatty acids in intestinal brush border membrane vesicles of rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2017, 195, 1-8.	2.6	1
33	Massive Indexed Parallel Identification of Transposon Flanking Sequences. <i>Methods in Molecular Biology</i> , 2013, 1057, 251-264.	0.9	0